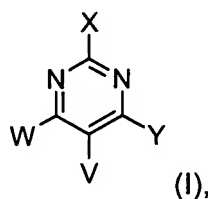


In the claims:

**1-25 (cancelled)**

26. (new) An electroluminescent device comprising an anode, a cathode and one or a plurality of organic compound layers sandwiched therebetween, in which said organic compound layers comprise an organic compound wherein the organic compound is a pyrimidine compound of formula



wherein

V, W, Y and X are independently of each other C<sub>6</sub>-C<sub>30</sub>aryl or C<sub>2</sub>-C<sub>30</sub>heteroaryl, which can be substituted or unsubstituted; H; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkenyl, C<sub>2</sub>-C<sub>18</sub>alkenyl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkynyl; C<sub>2</sub>-C<sub>18</sub>alkynyl which is substituted by E and/or interrupted by D; C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkoxy which is substituted by E and/or interrupted by D; -SR<sup>5</sup>; -NR<sup>5</sup>R<sup>6</sup>, with the proviso that at least two of the groups W, X and Y are C<sub>6</sub>-C<sub>24</sub>aryl, or C<sub>2</sub>-C<sub>24</sub>heteroaryl group, which can be unsubstituted or substituted;

wherein

D is -CO-; -COO-; -OCOO-; -S-; -SO-; -SO<sub>2</sub>-; -O-; -NR<sup>5</sup>-; -SiR<sup>5</sup>R<sup>6</sup>-; -POR<sup>5</sup>-; -CR<sup>5</sup>=CR<sup>6</sup>-; or -C≡C-;

E is -OR<sup>5</sup>; -SR<sup>5</sup>; -NR<sup>5</sup>R<sup>6</sup>; -COR<sup>8</sup>; -COOR<sup>7</sup>; -CONR<sup>5</sup>R<sup>6</sup>; -CN; -OCOOR<sup>7</sup>; or halogen;

R<sup>5</sup> and R<sup>6</sup> are independently of each other H; C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkyl; or C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-; or R<sup>5</sup> and R<sup>6</sup> together form a five or six membered ring;

R<sup>7</sup> is H; C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkyl; or C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-; and

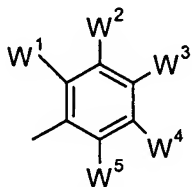
R<sup>8</sup> is H; C<sub>7</sub>-C<sub>12</sub>alkylaryl; C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkyl; or C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-.

**27. (new)** An electroluminescent device according to claim 26, wherein

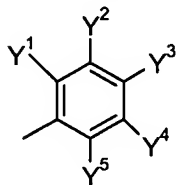
V is H, C<sub>1</sub>-C<sub>18</sub>alkyl; or C<sub>1</sub>-C<sub>18</sub>alkyl substituted by E and/or interrupted by D; C<sub>1</sub>-C<sub>18</sub>alkoxy or C<sub>1</sub>-C<sub>18</sub>alkoxy substituted by E and/or interrupted by D;

W, Y and X are independently of each other C<sub>6</sub>-C<sub>30</sub>aryl or C<sub>2</sub>-C<sub>30</sub>heteroaryl, which can be substituted or unsubstituted; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkenyl, C<sub>2</sub>-C<sub>18</sub>alkenyl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkynyl; C<sub>2</sub>-C<sub>18</sub>alkynyl which is substituted by E and/or interrupted by D; C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkoxy which is substituted by E and/or interrupted by D; -SR<sup>5</sup>; -NR<sup>5</sup>R<sup>6</sup>, and

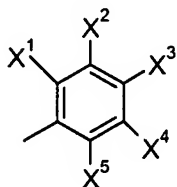
when W is C<sub>6</sub>-C<sub>30</sub>aryl which can be substituted it is



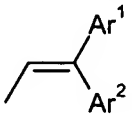
when Y is C<sub>6</sub>-C<sub>30</sub>aryl which can be substituted it is



when X is C<sub>6</sub>-C<sub>30</sub>aryl which can be substituted it is



wherein the groups W<sup>1</sup> to W<sup>5</sup>, X<sup>1</sup> to X<sup>5</sup> and Y<sup>1</sup> to Y<sup>5</sup> are independently of each other H; halogen, C<sub>6</sub>-C<sub>24</sub>aryl; C<sub>6</sub>-C<sub>24</sub>aryl substituted by G; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl substituted by E and/or interrupted by D; C<sub>7</sub>-C<sub>18</sub>alkylaryl; C<sub>7</sub>-C<sub>18</sub>alkylaryl substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkenyl; C<sub>2</sub>-C<sub>18</sub>alkenyl

substituted by E and/or interrupted by D; , wherein Ar<sup>1</sup> is C<sub>6</sub>-C<sub>30</sub>aryl or C<sub>2</sub>-C<sub>30</sub>heteroaryl and Ar<sup>2</sup> is C<sub>6</sub>-C<sub>30</sub>aryl or C<sub>2</sub>-C<sub>30</sub>heteroaryl, H, C<sub>2</sub>-C<sub>18</sub>alkynyl; C<sub>2</sub>-C<sub>18</sub>alkynyl substituted by E and/or

interrupted by D; C<sub>1</sub>-C<sub>18</sub>alkoxy, C<sub>1</sub>-C<sub>18</sub>alkoxy substituted by E and/or interrupted by D; -SR<sup>5</sup>; -NR<sup>5</sup>R<sup>6</sup>; C<sub>2</sub>-C<sub>24</sub>heteroaryl; C<sub>2</sub>-C<sub>24</sub>heteroaryl substituted by L; -SOR<sup>4</sup>; -SO<sub>2</sub>R<sup>4</sup>; -COR<sup>8</sup>; -COOR<sup>7</sup>; -CONR<sup>5</sup>R<sup>6</sup>; C<sub>4</sub>-C<sub>18</sub>cycloalkyl; C<sub>4</sub>-C<sub>18</sub>cycloalkyl substituted by E and/or interrupted by D; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl substituted by E and/or interrupted by D

G is E; K; heteroaryl; heteroaryl substituted by C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl substituted by E and/or K;

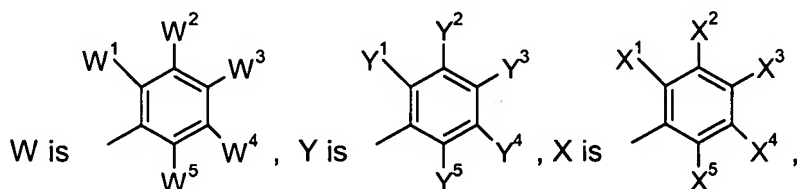
K is C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl substituted by E and/or interrupted by D; C<sub>7</sub>-C<sub>18</sub>alkylaryl substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkenyl; C<sub>2</sub>-C<sub>18</sub>alkenyl substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkynyl; C<sub>2</sub>-C<sub>18</sub>alkynyl substituted by E and/or interrupted by D; C<sub>1</sub>-C<sub>18</sub>alkoxy, C<sub>1</sub>-C<sub>18</sub>alkoxy substituted by E and/or interrupted by D; C<sub>4</sub>-C<sub>18</sub>cycloalkyl; C<sub>4</sub>-C<sub>18</sub>cycloalkyl substituted by E and/or interrupted by D; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl; or C<sub>4</sub>-C<sub>18</sub>cycloalkenyl substituted by E and/or interrupted by D;

L is E; K; C<sub>6</sub>-C<sub>18</sub>aryl; or C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by G;

R<sup>4</sup> is C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkyl; or C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-;

or two substituents selected from W<sup>1</sup> to W<sup>5</sup>, X<sup>1</sup> to X<sup>5</sup>, Y<sup>1</sup> to Y<sup>5</sup> which are in neighborhood to each other form a five to seven membered ring.

**28. (new)** An electroluminescent device according to claim 27, wherein V is H;



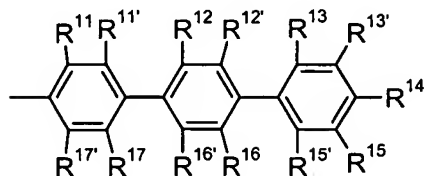
wherein the groups

W<sup>1</sup> to W<sup>5</sup>, X<sup>1</sup> to X<sup>5</sup> and Y<sup>1</sup> to Y<sup>5</sup> are independently of each other H; halogen, C<sub>6</sub>-C<sub>24</sub>aryl; C<sub>6</sub>-C<sub>24</sub>aryl substituted by G; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl substituted by E and/or interrupted by D; C<sub>7</sub>-C<sub>18</sub>alkylaryl; C<sub>7</sub>-C<sub>18</sub>alkylaryl substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkenyl; C<sub>2</sub>-C<sub>18</sub>alkenyl substituted by E and/or interrupted by D; C<sub>1</sub>-C<sub>18</sub>alkoxy, C<sub>1</sub>-C<sub>18</sub>alkoxy substituted by E and/or interrupted by D; -SR<sup>5</sup>; -NR<sup>5</sup>R<sup>6</sup>; C<sub>2</sub>-C<sub>24</sub>heteroaryl; C<sub>2</sub>-C<sub>24</sub>heteroaryl substituted by L; -SOR<sup>4</sup>; -SO<sub>2</sub>R<sup>4</sup>; -COR<sup>8</sup>; -COOR<sup>7</sup>; -CONR<sup>5</sup>R<sup>6</sup>; C<sub>4</sub>-C<sub>18</sub>cycloalkyl; C<sub>4</sub>-C<sub>18</sub>cycloalkyl substituted by E and/or interrupted by D; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl substituted by E and/or interrupted by D.

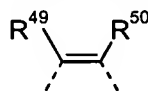
**29. (new)** An electroluminescent device according to claim 28, wherein the groups  $W^1$  to  $W^5$ ,  $X^1$  to  $X^5$  and  $Y^1$  to  $Y^5$  are independently of each other H; halogen,  $C_6-C_{24}$ aryl;  $C_6-C_{24}$ aryl substituted by G;  $C_1-C_{18}$ alkyl;  $C_1-C_{18}$ alkyl substituted by E and/or interrupted by D;  $C_1-C_{18}$ alkoxy,  $C_1-C_{18}$ alkoxy substituted by E and/or interrupted by D;  $C_2-C_{24}$ heteroaryl;  $C_2-C_{24}$ heteroaryl substituted by L;  $-COR^8$ ;  $-COOR^7$ ; or  $-CONR^5R^6$ .

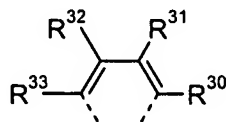
**30. (new)** An electroluminescent device according to claim 26, wherein V is H;  $C_1-C_{18}$ alkyl; or  $C_1-C_{18}$ alkyl substituted by E and/or interrupted by D;  $C_1-C_{18}$ alkoxy or  $C_1-C_{18}$ alkoxy substituted by E and/or interrupted by D;

at least one of the groups W, X and Y is a group of formula:



, and any other groups W, X and Y are independently of each other an aryl group or a heteroaryl group, wherein  $R^{11}$ ,  $R^{11'}$ ,  $R^{12}$ ,  $R^{12'}$ ,  $R^{13}$ ,  $R^{13'}$ ,  $R^{15}$ ,  $R^{15'}$ ,  $R^{16}$ ,  $R^{16'}$ ,  $R^{17}$  and  $R^{17'}$  are independently of each other H, E,  $C_6-C_{18}$ aryl;  $C_6-C_{18}$ aryl which is substituted by E;  $C_1-C_{18}$ alkyl;  $C_1-C_{18}$ alkyl which is substituted by E and/or interrupted by D;  $C_7-C_{18}$ aralkyl; or  $C_7-C_{18}$ aralkyl which is substituted by E; or any of  $R^{11'}$  and  $R^{12}$ ,  $R^{12'}$  and  $R^{13}$ ,  $R^{15'}$  and  $R^{16}$ , and  $R^{16'}$  and  $R^{17}$  are each a divalent

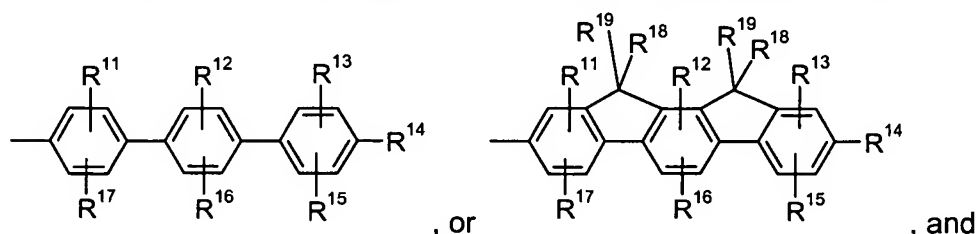
group  $L^1$  selected from an oxygen atom, sulfur atom,  $>CR^{118}R^{119}>SiR^{118}R^{119}$ , or , wherein  $R^{118}$  and  $R^{119}$  are independently of each other  $C_1-C_{18}$ alkyl;  $C_1-C_{18}$ alkoxy,  $C_6-C_{18}$ aryl;  $C_7-C_{18}$ aralkyl; or any of  $R^{11}$  and  $R^{11'}$ ,  $R^{12}$  and  $R^{12'}$ ,  $R^{13}$  and  $R^{13'}$ ,  $R^{13'}$  and  $R^{14}$ ,  $R^{14}$  and  $R^{15}$ ,  $R^{15}$  and  $R^{15'}$ ,  $R^{16}$  and  $R^{16'}$ ,



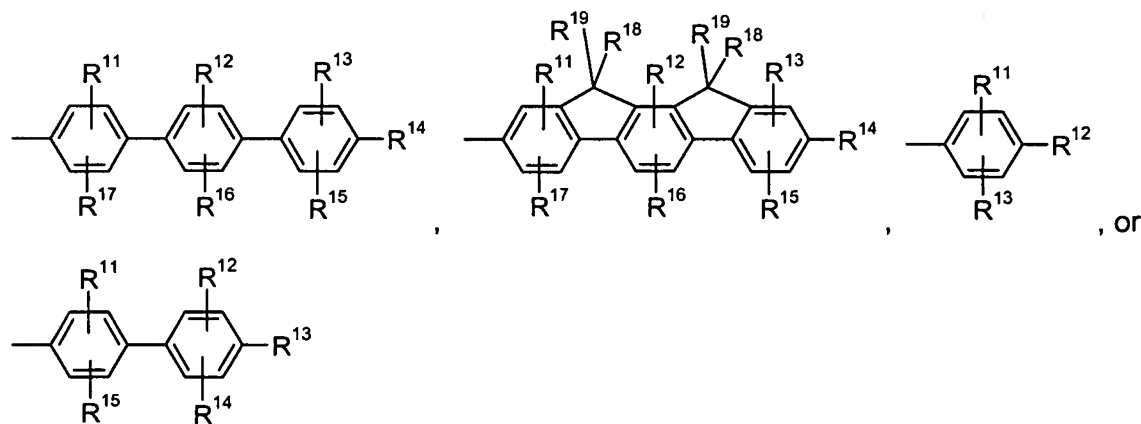
and  $R^{17'}$  and  $R^{17}$  are each a divalent group, wherein  $R^{30}$ ,  $R^{31}$ ,  $R^{32}$ ,  $R^{33}$ ,  $R^{49}$  and  $R^{50}$  are independently of each other H,  $C_1-C_{18}$ alkyl;  $C_1-C_{18}$ alkyl, which is substituted by E and/or interrupted by D; E;  $C_6-C_{18}$ aryl;  $C_6-C_{18}$ aryl, which is substituted by E;  $R^{14}$  is H,  $C_2-C_{30}$ heteroaryl,  $C_6-C_{30}$ aryl, or  $C_6-C_{30}$ aryl which is substituted by E,  $C_1-C_{18}$ alkyl; or  $C_1-C_{18}$ alkyl which is substituted by E and/or interrupted by D; D is  $-CO-$ ;  $-COO-$ ;  $-OCOO-$ ;  $-S-$ ;  $-SO-$ ;  $-SO_2-$ ;  $-O-$ ;  $-NR^5-$ ;  $SiR^5R^6-$ ;  $-POR^5-$ ;  $-CR^9=CR^{10}-$ ; or  $-C\equiv C-$ ; E is  $-OR^5$ ;  $-SR^5$ ;  $-NR^5R^6$ ;  $-COR^8$ ;  $-COOR^7$ ;  $-CONR^5R^6$ ;  $-CN$ ; or halogen;

wherein  $R^5$  and  $R^6$  are independently of each other  $C_6-C_{18}$ aryl;  $C_6-C_{18}$ aryl which is substituted by  $C_1-C_{18}$ alkyl,  $C_1-C_{18}$ alkyl; or  $C_1-C_{18}$ alkyl which is interrupted by  $-O-$ ; or  $R^5$  and  $R^6$  together form a five or six membered ring,  $R^7$  is  $C_6-C_{18}$ aryl;  $C_6-C_{18}$ aryl which is substituted by  $C_1-C_{18}$ alkyl,  $C_1-C_{18}$ alkyl; or  $C_1-C_{18}$ alkyl which is interrupted by  $-O-$ ;  $R^8$  is  $C_7-C_{12}$ alkylaryl;  $C_1-C_{18}$ alkyl; or  $C_1-C_{18}$ alkyl which is interrupted by  $-O-$ ; and  $R^9$  and  $R^{10}$  are independently of each other H,  $C_6-C_{18}$ aryl;  $C_6-C_{18}$ aryl which is substituted by  $C_1-C_{18}$ alkyl,  $C_1-C_{18}$ alkyl; or  $C_1-C_{18}$ alkyl which is interrupted by  $-O-$ .

**31. (new)** An electroluminescent device according to claim 26, comprising a pyrimidine compound of formula I, wherein V is hydrogen, W and Y are independently of each other a group of formula



X is a group of formula



wherein

$R^{11}$ ,  $R^{12}$ ,  $R^{13}$ ,  $R^{14}$ ,  $R^{15}$ ,  $R^{16}$  and  $R^{17}$  are independently of each other H,  $C_6-C_{18}$ aryl;  $C_6-C_{18}$ aryl which is substituted by E; E;  $C_1-C_{18}$ alkyl;  $C_1-C_{18}$ alkyl which is substituted by E and/or interrupted by D;  $C_6-C_{18}$ aryl;  $C_6-C_{18}$ aryl which is substituted by E;

$R^{18}$  and  $R^{19}$  are independently of each other H,  $C_1-C_{18}$ alkyl;  $C_1-C_{18}$ alkyl which is substituted by E and/or interrupted by D;  $C_6-C_{18}$ aryl;  $C_6-C_{18}$ aryl which is substituted by E;

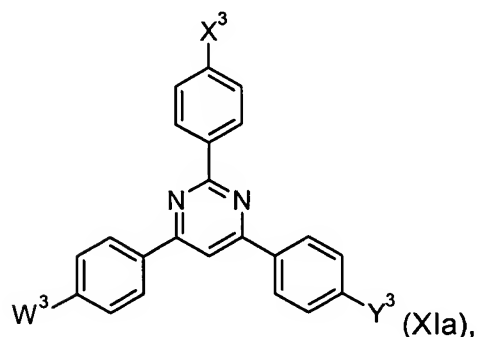
D is  $-CO-$ ;  $-COO-$ ;  $-OCOO-$ ;  $-S-$ ;  $-SO-$ ;  $-SO_2-$ ;  $-O-$ ;  $-NR^5-$ ;  $-SiR^5R^6-$ ;  $-POR^5-$ ;  $-CR^5=CR^6-$ ; or  $-C\equiv C-$ ;

E is  $-OR^5$ ;  $-SR^5$ ;  $-NR^5R^6$ ;  $-COR^8$ ;  $-COOR^7$ ;  $-CONR^5R^6$ ;  $-CN$ ;  $-OCOOR^7$ ; or halogen

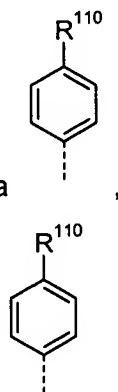
$R^7$  is H;  $C_6-C_{18}aryl$ ;  $C_6-C_{18}aryl$  which is substituted by  $C_1-C_{18}alkyl$ ,  $C_1-C_{18}alkoxy$ ;  $C_1-C_{18}alkyl$ ;  $C_1-C_{18}alkyl$  which is interrupted by  $-O-$ ;

$R^8$  is H;  $C_6-C_{18}aryl$ ;  $C_6-C_{18}aryl$  which is substituted by  $C_1-C_{18}alkyl$ ,  $C_1-C_{18}alkoxy$ ;  $C_1-C_{18}alkyl$ ;  $C_1-C_{18}alkyl$  which is interrupted by  $-O-$ .

**32. (new)** An electroluminescent device according to claim 28, comprising a pyrimidine compound of formula



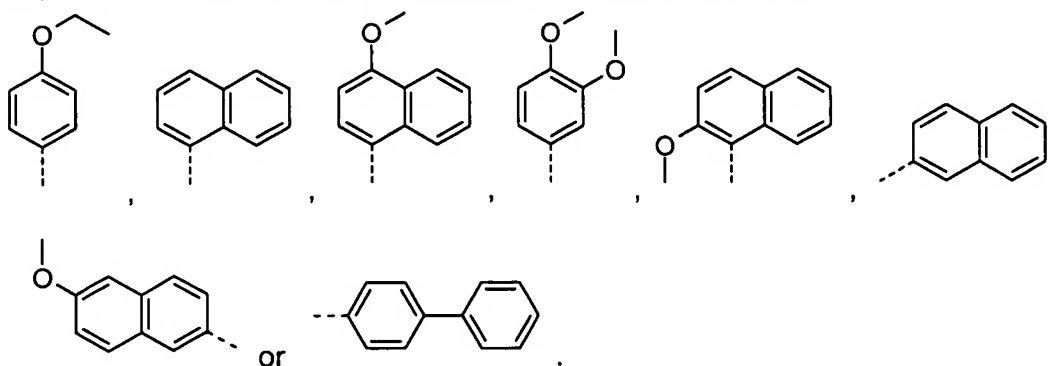
wherein  $W^3$  and  $Y^3$  are a group of formula



$X^3$  is H,  $C_1-C_6-alkyl$ ,  $C_1-C_4-alkoxy$ , Ph, or

and  $R^{110}$  is  $C_6-C_{10}aryl$ ,  $C_6-C_{10}aryl$  which is substituted by  $C_1-C_6-alkyl$ ,  $C_1-C_4-alkoxy$  or  $C_4-C_{10}$  heteroaryl.

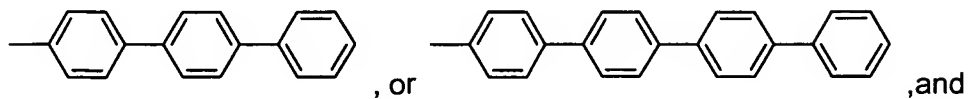
**33. (new):** An electroluminescent device according to claim 32, wherein  $R^{110}$  is



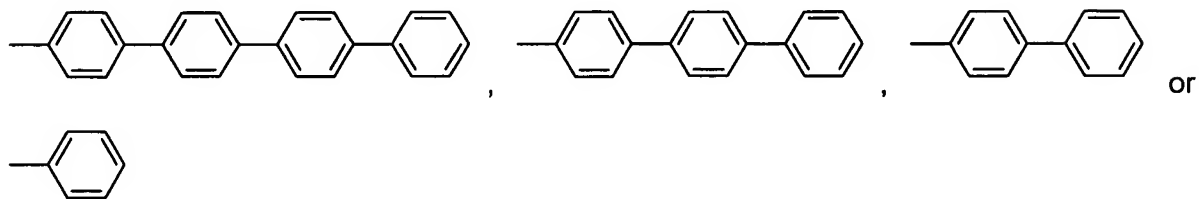
**34. (new)** A pyrimidine compound according to claim 26, wherein

V is hydrogen,

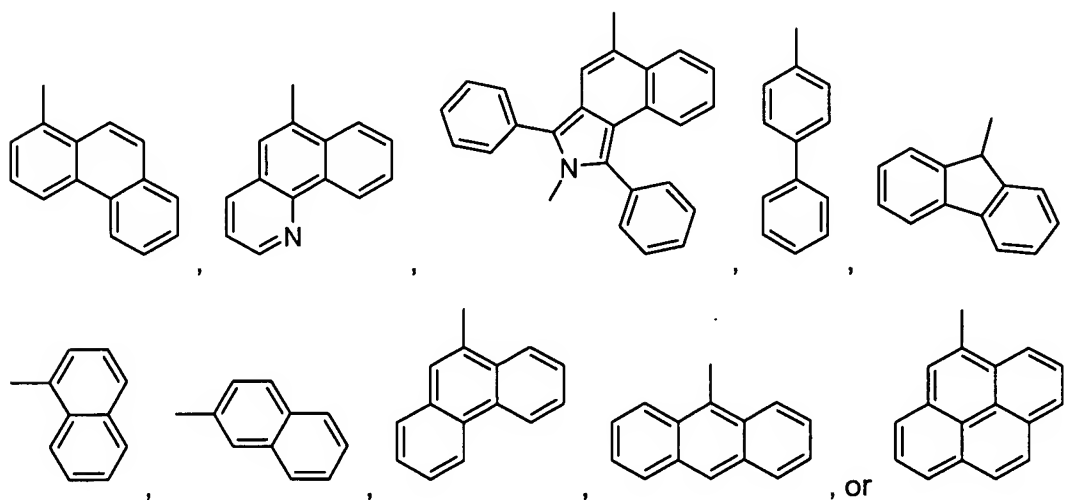
W and Y are a group of formula



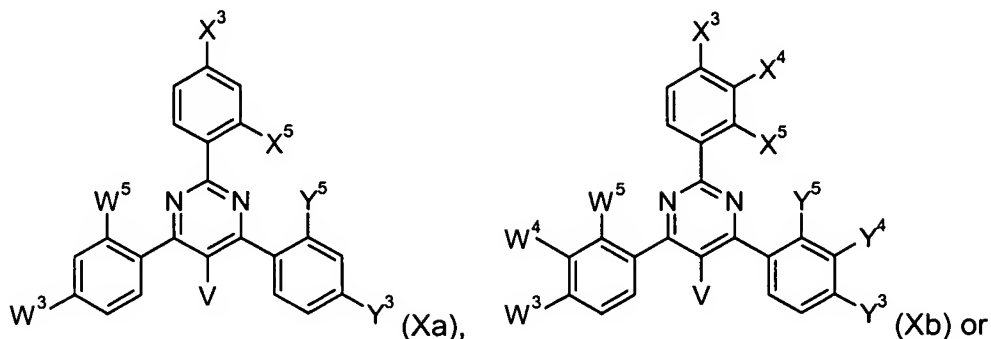
X is a group of formula



**35. (new)** An electroluminescent device according to claim 26, wherein W and Y are groups of the formula



**36. (new)** An electroluminescent device according to claim 26, wherein the pyrimidine compound has the following formula



wherein

V is H, or C<sub>1</sub>-C<sub>8</sub>-alkyl,

X<sup>3</sup> and X<sup>4</sup> are independently of each other H, C<sub>1</sub>-C<sub>8</sub>alkyl, C<sub>1</sub>-C<sub>8</sub>alkoxy, C<sub>1</sub>-C<sub>8</sub>thioalkyl, or phenyl,

X<sup>5</sup> is H, or C<sub>1</sub>-C<sub>8</sub>alkoxy,

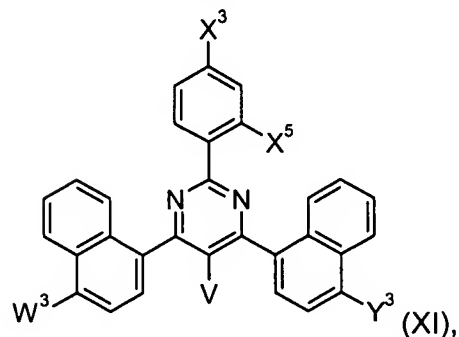
W<sup>5</sup> is H, C<sub>1</sub>-C<sub>8</sub>alkyl, or O(CH<sub>2</sub>)<sub>n1</sub>-X,

Y<sup>5</sup> is H, C<sub>1</sub>-C<sub>8</sub>alkyl, or O(CH<sub>2</sub>)<sub>n1</sub>-X,

Y<sup>3</sup>, Y<sup>4</sup>, W<sup>3</sup> and W<sup>4</sup> are independently of each other C<sub>1</sub>-C<sub>8</sub>alkyl, C<sub>1</sub>-C<sub>8</sub>alkoxy, C<sub>1</sub>-C<sub>8</sub>thioalkyl, halogen, phenyl, or O(CH<sub>2</sub>)<sub>n1</sub>-X, wherein n1 is an integer of 1 to 5 and X is -O-(CH<sub>2</sub>)<sub>m1</sub>CH<sub>3</sub>, -

OC(O)-(CH<sub>2</sub>)<sub>m1</sub>CH<sub>3</sub>, -C(O)-O-C<sub>1</sub>-C<sub>8</sub>alkyl, -NR<sup>103</sup>R<sup>104</sup>, wherein m1 is an integer of 0 to 5 and R<sup>103</sup> and R<sup>104</sup> are independently of each other H, or C<sub>1</sub>-C<sub>8</sub>-alkyl, or R<sup>103</sup> and R<sup>104</sup> together form a five or six membered heterocyclic ring;

or the following formula



wherein

V is H, or C<sub>1</sub>-C<sub>8</sub>alkyl,

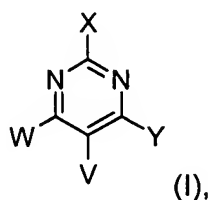
W<sup>3</sup> is H, C<sub>1</sub>-C<sub>8</sub>alkyl, or C<sub>1</sub>-C<sub>8</sub>alkoxy,

$X^3$  is H,  $C_1$ - $C_8$ alkoxy, phenyl or  $O(CH_2)_{n1}-X$ ,

$X^5$  is H,  $C_1$ - $C_8$ alkoxy, phenyl or  $O(CH_2)_{n1}-X$ ,

$Y^3$  is H,  $C_1$ - $C_8$ alkyl, or  $C_1$ - $C_8$ alkoxy, wherein  $n1$  is an integer of 1 to 4 and  $X$  is  $-O-(CH_2)_{m1}CH_3$ ,  $-OC(O)-(CH_2)_{m1}CH_3$ ,  $-C(O)-O-C_1$ - $C_8$ alkyl, wherein  $m1$  is an integer of 0 to 5.

**37. (new)** A pyrimidine compound of formula



wherein

V, W, Y and X are independently of each other  $C_6$ - $C_{30}$ aryl or  $C_2$ - $C_{30}$ heteroaryl, which can be substituted or unsubstituted; H;  $C_1$ - $C_{18}$ alkyl;  $C_1$ - $C_{18}$ alkyl which is substituted by E and/or interrupted by D;  $C_2$ - $C_{18}$ alkenyl,  $C_2$ - $C_{18}$ alkenyl which is substituted by E and/or interrupted by D;  $C_2$ - $C_{18}$ alkynyl;  $C_2$ - $C_{18}$ alkynyl which is substituted by E and/or interrupted by D;  $C_1$ - $C_{18}$ alkoxy;  $C_1$ - $C_{18}$ alkoxy which is substituted by E and/or interrupted by D;  $-SR^5$ ;  $-NR^5R^6$ , with the proviso that at least two of the groups W, X and Y are  $C_6$ - $C_{24}$ aryl, or  $C_2$ - $C_{24}$ heteroaryl group, which can be unsubstituted or substituted;

wherein

D is  $-CO-$ ;  $-COO-$ ;  $-OCOO-$ ;  $-S-$ ;  $-SO-$ ;  $-SO_2-$ ;  $-O-$ ;  $-NR^5-$ ;  $-SiR^5R^6-$ ;  $-POR^5-$ ;  $-CR^5=CR^6-$ ; or  $-C\equiv C-$ ;

E is  $-OR^5$ ;  $-SR^5$ ;  $-NR^5R^6$ ;  $-COR^8$ ;  $-COOR^7$ ;  $-CONR^5R^6$ ;  $-CN$ ;  $-OCOOR^7$ ; or halogen;

$R^5$  and  $R^6$  are independently of each other H;  $C_6$ - $C_{18}$ aryl;  $C_6$ - $C_{18}$ aryl which is substituted by  $C_1$ - $C_{18}$ alkyl,  $C_1$ - $C_{18}$ alkoxy;  $C_1$ - $C_{18}$ alkyl; or  $C_1$ - $C_{18}$ alkyl which is interrupted by  $-O-$ ; or  $R^5$  and  $R^6$  together form a five or six membered ring;

$R^7$  is H;  $C_6$ - $C_{18}$ aryl;  $C_6$ - $C_{18}$ aryl which is substituted by  $C_1$ - $C_{18}$ alkyl,  $C_1$ - $C_{18}$ alkoxy;  $C_1$ - $C_{18}$ alkyl; or  $C_1$ - $C_{18}$ alkyl which is interrupted by  $-O-$ ; and

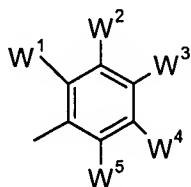
$R^8$  is H;  $C_7$ - $C_{12}$ alkylaryl;  $C_6$ - $C_{18}$ aryl;  $C_6$ - $C_{18}$ aryl which is substituted by  $C_1$ - $C_{18}$ alkyl,  $C_1$ - $C_{18}$ alkoxy;  $C_1$ - $C_{18}$ alkyl; or  $C_1$ - $C_{18}$ alkyl which is interrupted by  $-O-$ .

**38. (new)** A compound according to claim 37, wherein

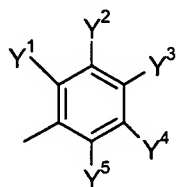
V is H, C<sub>1</sub>-C<sub>18</sub>alkyl; or C<sub>1</sub>-C<sub>18</sub>alkyl substituted by E and/or interrupted by D; C<sub>1</sub>-C<sub>18</sub>alkoxy or C<sub>1</sub>-C<sub>18</sub>alkoxy substituted by E and/or interrupted by D;

W, Y and X are independently of each other C<sub>6</sub>-C<sub>30</sub>aryl or C<sub>2</sub>-C<sub>30</sub>heteroaryl, which can be substituted or unsubstituted; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkenyl, C<sub>2</sub>-C<sub>18</sub>alkenyl which is substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkynyl; C<sub>2</sub>-C<sub>18</sub>alkynyl which is substituted by E and/or interrupted by D; C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkoxy which is substituted by E and/or interrupted by D; -SR<sup>5</sup>; -NR<sup>5</sup>R<sup>6</sup>, and

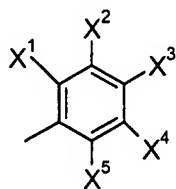
when W is C<sub>6</sub>-C<sub>30</sub>aryl which can be substituted it is



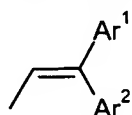
when Y is C<sub>6</sub>-C<sub>30</sub>aryl which can be substituted it is



when X is C<sub>6</sub>-C<sub>30</sub>aryl which can be substituted it is



wherein the groups W<sup>1</sup> to W<sup>5</sup>, X<sup>1</sup> to X<sup>5</sup> and Y<sup>1</sup> to Y<sup>5</sup> are independently of each other H; halogen, C<sub>6</sub>-C<sub>24</sub>aryl; C<sub>6</sub>-C<sub>24</sub>aryl substituted by G; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl substituted by E and/or interrupted by D; C<sub>7</sub>-C<sub>18</sub>alkylaryl; C<sub>7</sub>-C<sub>18</sub>alkylaryl substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkenyl; C<sub>2</sub>-C<sub>18</sub>alkenyl

substituted by E and/or interrupted by D; , wherein Ar<sup>1</sup> is C<sub>6</sub>-C<sub>30</sub>aryl or C<sub>2</sub>-C<sub>30</sub>heteroaryl and Ar<sup>2</sup> is C<sub>6</sub>-C<sub>30</sub>aryl or C<sub>2</sub>-C<sub>30</sub>heteroaryl, H, C<sub>2</sub>-C<sub>18</sub>alkynyl; C<sub>2</sub>-C<sub>18</sub>alkynyl substituted by E and/or

interrupted by D; C<sub>1</sub>-C<sub>18</sub>alkoxy, C<sub>1</sub>-C<sub>18</sub>alkoxy substituted by E and/or interrupted by D; -SR<sup>5</sup>; -NR<sup>5</sup>R<sup>6</sup>; C<sub>2</sub>-C<sub>24</sub>heteroaryl; C<sub>2</sub>-C<sub>24</sub>heteroaryl substituted by L; -SOR<sup>4</sup>; -SO<sub>2</sub>R<sup>4</sup>; -COR<sup>8</sup>; -COOR<sup>7</sup>; -CONR<sup>5</sup>R<sup>6</sup>; C<sub>4</sub>-C<sub>18</sub>cycloalkyl; C<sub>4</sub>-C<sub>18</sub>cycloalkyl substituted by E and/or interrupted by D; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl substituted by E and/or interrupted by D

G is E; K; heteroaryl; heteroaryl substituted by C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl substituted by E and/or K;

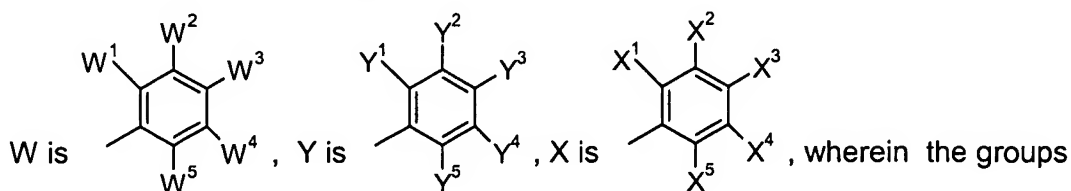
K is C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl substituted by E and/or interrupted by D; C<sub>7</sub>-C<sub>18</sub>alkylaryl substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkenyl; C<sub>2</sub>-C<sub>18</sub>alkenyl substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkynyl; C<sub>2</sub>-C<sub>18</sub>alkynyl substituted by E and/or interrupted by D; C<sub>1</sub>-C<sub>18</sub>alkoxy, C<sub>1</sub>-C<sub>18</sub>alkoxy substituted by E and/or interrupted by D; C<sub>4</sub>-C<sub>18</sub>cycloalkyl; C<sub>4</sub>-C<sub>18</sub>cycloalkyl substituted by E and/or interrupted by D; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl; or C<sub>4</sub>-C<sub>18</sub>cycloalkenyl substituted by E and/or interrupted by D;

L is E; K; C<sub>6</sub>-C<sub>18</sub>aryl; or C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by G;

R<sup>4</sup> is C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkoxy; C<sub>1</sub>-C<sub>18</sub>alkyl; or C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-;

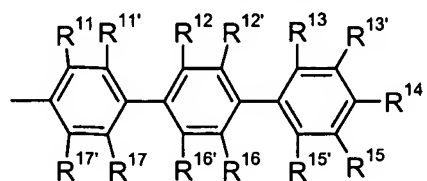
or two substituents selected from W<sup>1</sup> to W<sup>5</sup>, X<sup>1</sup> to X<sup>5</sup>, Y<sup>1</sup> to Y<sup>5</sup> which are in neighborhood to each other form a five to seven membered ring.

**39. (new)** A compound according to claim 38, wherein V is H;

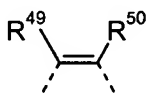


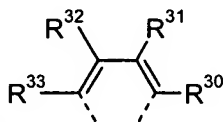
W<sup>1</sup> to W<sup>5</sup>, X<sup>1</sup> to X<sup>5</sup> and Y<sup>1</sup> to Y<sup>5</sup> are independently of each other H; halogen, C<sub>6</sub>-C<sub>24</sub>aryl; C<sub>6</sub>-C<sub>24</sub>aryl substituted by G; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl substituted by E and/or interrupted by D; C<sub>7</sub>-C<sub>18</sub>alkylaryl; C<sub>7</sub>-C<sub>18</sub>alkylaryl substituted by E and/or interrupted by D; C<sub>2</sub>-C<sub>18</sub>alkenyl; C<sub>2</sub>-C<sub>18</sub>alkenyl substituted by E and/or interrupted by D; C<sub>1</sub>-C<sub>18</sub>alkoxy, C<sub>1</sub>-C<sub>18</sub>alkoxy substituted by E and/or interrupted by D; -SR<sup>5</sup>; -NR<sup>5</sup>R<sup>6</sup>; C<sub>2</sub>-C<sub>24</sub>heteroaryl; C<sub>2</sub>-C<sub>24</sub>heteroaryl substituted by L; -SOR<sup>4</sup>; -SO<sub>2</sub>R<sup>4</sup>; -COR<sup>8</sup>; -COOR<sup>7</sup>; -CONR<sup>5</sup>R<sup>6</sup>; C<sub>4</sub>-C<sub>18</sub>cycloalkyl; C<sub>4</sub>-C<sub>18</sub>cycloalkyl substituted by E and/or interrupted by D; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl; C<sub>4</sub>-C<sub>18</sub>cycloalkenyl substituted by E and/or interrupted by D.

40. (new) A compound according to claim 37, wherein V is H; C<sub>1</sub>-C<sub>18</sub>alkyl; or C<sub>1</sub>-C<sub>18</sub>alkyl substituted by E and/or interrupted by D; C<sub>1</sub>-C<sub>18</sub>alkoxy or C<sub>1</sub>-C<sub>18</sub>alkoxy substituted by E and/or interrupted by D; at least one of the groups W, X and Y is a group of formula



, and any other groups W, X and Y are independently of each other an aryl group or a heteroaryl group, wherein R<sup>11</sup>, R<sup>11'</sup>, R<sup>12</sup>, R<sup>12'</sup>, R<sup>13</sup>, R<sup>13'</sup>, R<sup>15</sup>, R<sup>15'</sup>, R<sup>16</sup>, R<sup>16'</sup>, R<sup>17</sup> and R<sup>17'</sup> are independently of each other H, E, C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by E; C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl which is substituted by E and/or interrupted by D; C<sub>7</sub>-C<sub>18</sub>aralkyl; or C<sub>7</sub>-C<sub>18</sub>aralkyl which is substituted by E; or any of R<sup>11'</sup> and R<sup>12</sup>, R<sup>12'</sup> and R<sup>13</sup>, R<sup>15'</sup> and R<sup>16</sup>, and R<sup>16'</sup> and R<sup>17</sup> are each a divalent

group L<sup>1</sup> selected from an oxygen atom, sulfur atom, >CR<sup>118</sup>R<sup>119</sup>>SiR<sup>118</sup>R<sup>119</sup>, or , wherein R<sup>118</sup> and R<sup>119</sup> are independently of each other C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkoxy, C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>7</sub>-C<sub>18</sub>aralkyl; or any of R<sup>11</sup> and R<sup>11'</sup>, R<sup>12</sup> and R<sup>12'</sup>, R<sup>13</sup> and R<sup>13'</sup>, R<sup>13'</sup> and R<sup>14</sup>, R<sup>14</sup> and R<sup>15</sup>, R<sup>15</sup> and R<sup>15'</sup>, R<sup>16</sup> and R<sup>16'</sup>,



and R<sup>17'</sup> and R<sup>17</sup> are each a divalent group, wherein

R<sup>30</sup>, R<sup>31</sup>, R<sup>32</sup>, R<sup>33</sup>, R<sup>49</sup> and R<sup>50</sup> are independently of each other H, C<sub>1</sub>-C<sub>18</sub>alkyl; C<sub>1</sub>-C<sub>18</sub>alkyl, which is substituted by E and/or interrupted by D; E; C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl, which is substituted by E; R<sup>14</sup> is H, C<sub>2</sub>-C<sub>30</sub>heteroaryl, C<sub>6</sub>-C<sub>30</sub>aryl, or C<sub>6</sub>-C<sub>30</sub>aryl which is substituted by E, C<sub>1</sub>-C<sub>18</sub>alkyl; or C<sub>1</sub>-C<sub>18</sub>alkyl which is substituted by E and/or interrupted by D;

D is -CO-; -COO-; -OCOO-; -S-; -SO-; -SO<sub>2</sub>-; -O-; -NR<sup>5</sup>-; SiR<sup>5</sup>R<sup>6</sup>-; -POR<sup>5</sup>-; -CR<sup>9</sup>=CR<sup>10</sup>-; or -C≡C-;

E is -OR<sup>5</sup>; -SR<sup>5</sup>; -NR<sup>5</sup>R<sup>6</sup>; -COR<sup>8</sup>; -COOR<sup>7</sup>; -CONR<sup>5</sup>R<sup>6</sup>; -CN; or halogen;

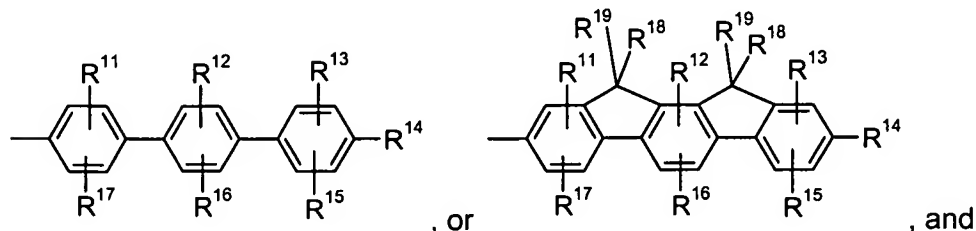
wherein R<sup>5</sup> and R<sup>6</sup> are independently of each other C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkyl; or C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-; or

R<sup>5</sup> and R<sup>6</sup> together form a five or six membered ring, R<sup>7</sup> is C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkyl; or C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-;

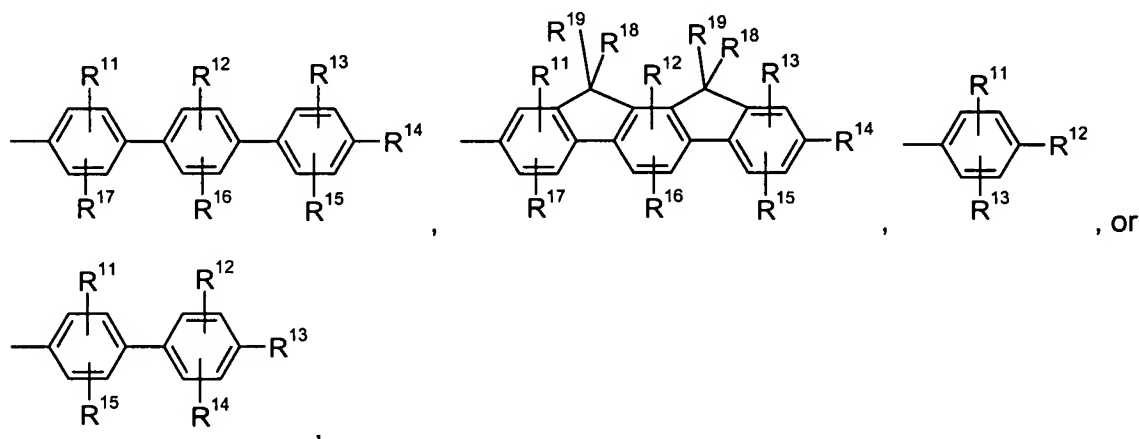
R<sup>8</sup> is C<sub>7</sub>-C<sub>12</sub>alkylaryl; C<sub>1</sub>-C<sub>18</sub>alkyl; or C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-; and

R<sup>9</sup> and R<sup>10</sup> are independently of each other H, C<sub>6</sub>-C<sub>18</sub>aryl; C<sub>6</sub>-C<sub>18</sub>aryl which is substituted by C<sub>1</sub>-C<sub>18</sub>alkyl, C<sub>1</sub>-C<sub>18</sub>alkyl; or C<sub>1</sub>-C<sub>18</sub>alkyl which is interrupted by -O-.

41. (new) A compound according to claim 37, comprising a pyrimidine compound of formula I, wherein V is hydrogen, W and Y are independently of each other a group of formula



X is a group of formula



wherein

$R^{11}$ ,  $R^{12}$ ,  $R^{13}$ ,  $R^{14}$ ,  $R^{15}$ ,  $R^{16}$  and  $R^{17}$  are independently of each other H,  $C_6-C_{18}$ aryl;  $C_6-C_{18}$ aryl which is substituted by E; E;  $C_1-C_{18}$ alkyl;  $C_1-C_{18}$ alkyl which is substituted by E and/or interrupted by D;  $C_6-C_{18}$ aryl;  $C_6-C_{18}$ aryl which is substituted by E;

$R^{18}$  and  $R^{19}$  are independently of each other H,  $C_1-C_{18}$ alkyl;  $C_1-C_{18}$ alkyl which is substituted by E and/or interrupted by D;  $C_6-C_{18}$ aryl;  $C_6-C_{18}$ aryl which is substituted by E;

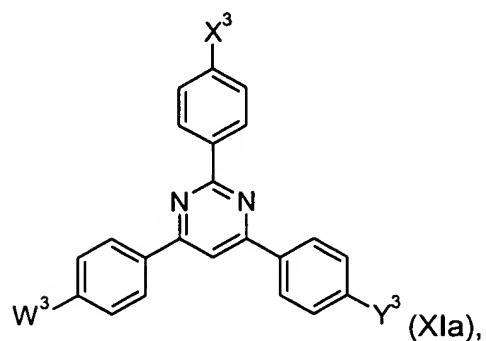
D is  $-CO-$ ;  $-COO-$ ;  $-OCOO-$ ;  $-S-$ ;  $-SO-$ ;  $-SO_2-$ ;  $-O-$ ;  $-NR^5-$ ;  $-SiR^5R^6-$ ;  $-POR^5-$ ;  $-CR^5=CR^6-$ ; or  $-C\equiv C-$ ;

E is  $-OR^5$ ;  $-SR^5$ ;  $-NR^5R^6$ ;  $-COR^8$ ;  $-COOR^7$ ;  $-CONR^5R^6$ ;  $-CN$ ;  $-OCOR^7$ ; or halogen

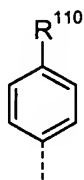
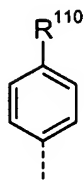
$R^7$  is H;  $C_6-C_{18}$ aryl;  $C_6-C_{18}$ aryl which is substituted by  $C_1-C_{18}$ alkyl,  $C_1-C_{18}$ alkoxy;  $C_1-C_{18}$ alkyl;  $C_1-C_{18}$ alkyl which is interrupted by  $-O-$ ;

$R^8$  is H;  $C_6-C_{18}$ aryl;  $C_6-C_{18}$ aryl which is substituted by  $C_1-C_{18}$ alkyl,  $C_1-C_{18}$ alkoxy;  $C_1-C_{18}$ alkyl;  $C_1-C_{18}$ alkyl which is interrupted by  $-O-$ .

42. (new) A compound according to claim 39, comprising a pyrimidine compound of formula



wherein  $W^3$  and  $Y^3$  are a group of formula



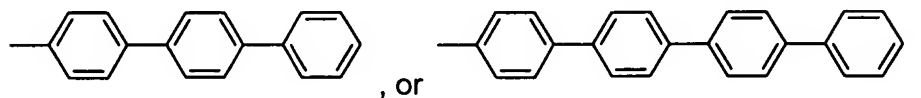
$X^3$  is H,  $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_4$ -alkoxy, Ph, or

and  $R^{110}$  is  $C_6$ - $C_{10}$ -aryl,  $C_6$ - $C_{10}$ -aryl which is substituted by  $C_1$ - $C_6$ -alkyl,  $C_1$ - $C_4$ -alkoxy or  $C_4$ - $C_{10}$  heteroaryl.

43. (new) A compound according to claim 37, wherein

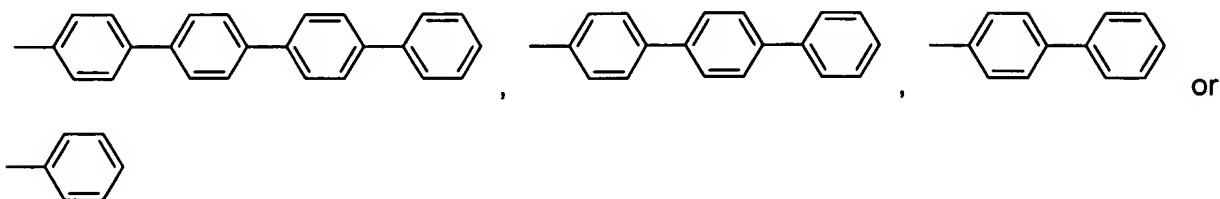
V is hydrogen,

W and Y are a group of formula

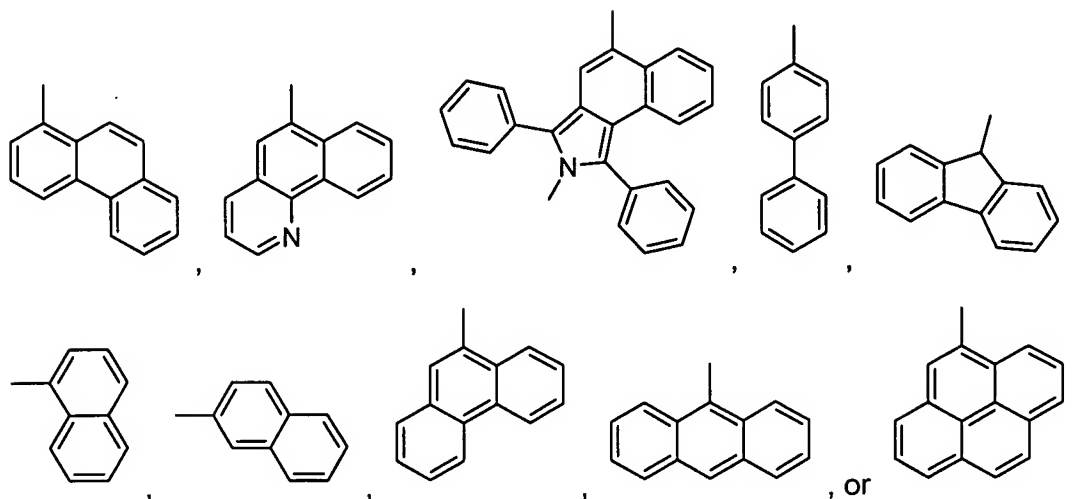


and

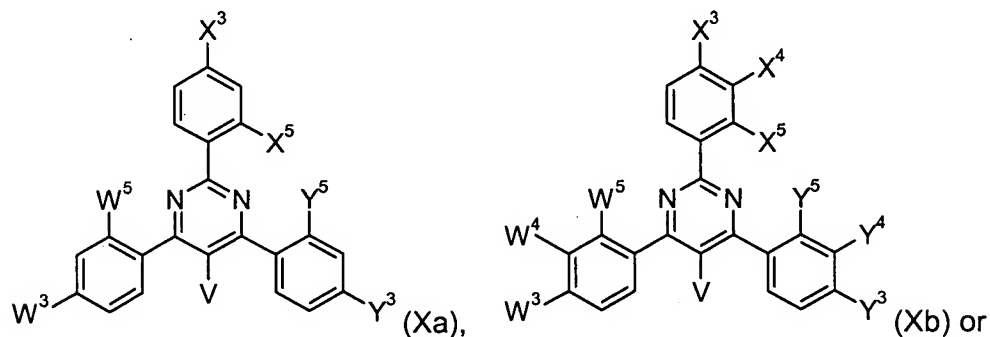
X is a group of formula



44. (new) A compound according to claim 37, wherein W and Y are groups of the formula



45. (new) An electroluminescent device according to claim 37, wherein the pyrimidine compound has the following formula



wherein

V is H, or C<sub>1</sub>-C<sub>8</sub>-alkyl,

X<sup>3</sup> and X<sup>4</sup> are independently of each other H, C<sub>1</sub>-C<sub>8</sub>-alkyl, C<sub>1</sub>-C<sub>8</sub>-alkoxy, C<sub>1</sub>-C<sub>8</sub>-thioalkyl, or phenyl,

X<sup>5</sup> is H, or C<sub>1</sub>-C<sub>8</sub>-alkoxy,

W<sup>5</sup> is H, C<sub>1</sub>-C<sub>8</sub>-alkyl, or O(CH<sub>2</sub>)<sub>n1</sub>-X,

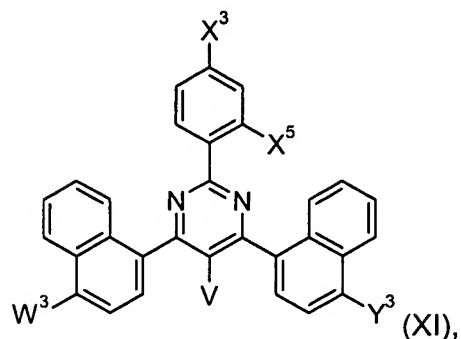
Y<sup>5</sup> is H, C<sub>1</sub>-C<sub>8</sub>-alkyl, or O(CH<sub>2</sub>)<sub>n1</sub>-X,

Y<sup>3</sup>, Y<sup>4</sup>, W<sup>3</sup> and W<sup>4</sup> are independently of each other C<sub>1</sub>-C<sub>8</sub>-alkyl, C<sub>1</sub>-C<sub>8</sub>-alkoxy, C<sub>1</sub>-C<sub>8</sub>-thioalkyl, halogen, phenyl, or O(CH<sub>2</sub>)<sub>n1</sub>-X, wherein n1 is an integer of 1 to 5 and X is -O-(CH<sub>2</sub>)<sub>m1</sub>CH<sub>3</sub>, -

OC(O)-(CH<sub>2</sub>)<sub>m1</sub>CH<sub>3</sub>, -C(O)-O-C<sub>1</sub>-C<sub>8</sub>-alkyl, -NR<sup>103</sup>R<sup>104</sup>, wherein m1 is an integer of 0 to 5 and R<sup>103</sup> and

$R^{104}$  are independently of each other H, or  $C_1$ - $C_8$ -alkyl, or  $R^{103}$  and  $R^{104}$  together form a five or six membered heterocyclic ring;

or the following formula



wherein

V is H, or  $C_1$ - $C_8$ alkyl,

$W^3$  is H,  $C_1$ - $C_8$ alkyl, or  $C_1$ - $C_8$ alkoxy,

$X^3$  is H,  $C_1$ - $C_8$ alkoxy, phenyl or  $O(CH_2)_{n1}-X$ ,

$X^5$  is H,  $C_1$ - $C_8$ alkoxy, phenyl or  $O(CH_2)_{n1}-X$ ,

$Y^3$  is H,  $C_1$ - $C_8$ alkyl, or  $C_1$ - $C_8$ alkoxy, wherein  $n1$  is an integer of 1 to 4 and X is  $-O-(CH_2)_{m1}CH_3$ ,  $-OC(O)-(CH_2)_{m1}CH_3$ ,  $-C(O)-O-C_1-C_8$ alkyl, wherein  $m1$  is an integer of 0 to 5.